



September 12, 2015

(b) (6)

(b) (6), (b)

Durango, CO 81301

**Re: Groundwater Well Sampling Results**

Dear (b) (6)

This letter provides the results for the water sample(s) collected from your groundwater well on 8/18/2015 (Sample ID (s) = GKMTW065\_081815). The water was submitted to, and analyzed by a private certified laboratory for total metals. The analysis included metals that could be present in water from the Gold King Mine release.

**None of these metals were present in your groundwater above a level of concern.** A laboratory results summary table for your water sample is attached to this letter.

We greatly appreciate your cooperation in the collection process, and thank you for your patience while the sample was analyzed. The EPA will work with the Tribe's Water Quality Program to identify any future sampling needs. If you have any further questions, please contact Deb McKean at (303) 579-4371.

Sincerely,

US Environmental Protection Agency, Region 8

CC:

Curtis Hartenstine

Southern Ute Indian Tribe

Water Quality Program Manager

970-563-0100 ext. 2217

Analyte	Station ID				GKMTW065
	Sample ID				GKMTW065_081815
	Sample Date				8/18/2015
	Sample Time				12:35
	Latitude				(b) (6), (b) (9)
	Longitude				
	CAS No	Units	Colorado Water Standard	Ground Water MCL	
<b>Metals, Total</b>					
Aluminum	7429-90-5	ug/L	5000		24 U
Antimony	7440-36-0	ug/L	6	6	0.4 U
Arsenic	7440-38-2	ug/L	10	10	0.37 U
Barium	7440-39-3	ug/L	2000	2000	74
Beryllium	7440-41-7	ug/L	4	4	0.15 U
Cadmium	7440-43-9	ug/L	5	5	0.043 U
Calcium	7440-70-2	ug/L			120000
Chromium	7440-47-3	ug/L		100	1 U
Cobalt	7440-48-4	ug/L	50		0.12 U
Copper	7440-50-8	ug/L	200	1300	4.3
Iron	7439-89-6	ug/L	300	300	17 U
Lead	7439-92-1	ug/L	50	15	0.19 J
Magnesium	7439-95-4	ug/L			23000
Manganese	7439-96-5	ug/L	50	50	1.2 U
Mercury	7439-97-6	ug/L		2	0.08 U
Molybdenum	7439-98-7	ug/L			0.45 U
Nickel	7440-02-0	ug/L	100		1
Potassium	7440-09-7	ug/L			2200 J+
Selenium	7782-49-2	ug/L	20	50	6.6
Silver	7440-22-4	ug/L	50	100	0.1 U
Sodium	7440-23-5	ug/L			46000
Thallium	7440-28-0	ug/L	2	2	0.1 U
Vanadium	7440-62-2	ug/L	100		0.3 U
Zinc	7440-66-6	ug/L	2000	5000	2.8 U

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level

mg/kg - Parts per million (milligrams per kilogram). Liquids equivalent = mg/l.

ug/l - Parts per billion (micrograms per liter)

Highlighted Yellow: indicates result exceeded Screening Value

Analyte	Location ID Sample ID Sample Date Sample time Latitude Longitude					GKMTW065 GKMTW065_081815 8/18/2015 12:35 (b) (6), (b) (9)
	Sub Location Outdoor spigot no treat Lab Result					
Metals, Total	CAS NO	Units	Colorado Water Standard	EPA MCL		
Aluminum A,B	7429-90-5	ug/L	5000	200	24 U	
Antimony	7440-36-0	ug/L	6	6	0.4 U	
Arsenic	7440-38-2	ug/L	10	10	0.37 U	
Barium	7440-39-3	ug/L	2000	2000	74	
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Calcium	7440-70-2	ug/L			120000	
Chromium	7440-47-3	ug/L	100	100	1 U	
Cobalt A	7440-48-4	ug/L	50		0.12 U	
Copper A	7440-50-8	ug/L	200	1300	4.3	
Iron A,B	7439-89-6	ug/L	5000	300	17 U	
Lead A	7439-92-1	ug/L	100	15	0.19 J	
Magnesium	7439-95-4	ug/L			23000	
Manganese A,B	7439-96-5	ug/L	200	50	1.2 U	
Mercury	7439-97-6	ug/L	2	2	0.08 U	
Molybdenum	7439-98-7	ug/L			0.45 U	
Nickel A	7440-02-0	ug/L	200		1	
Potassium	7440-09-7	ug/L			2200 J+	
Selenium	7782-49-2	ug/L	50	50	6.6	
Silver B	7440-22-4	ug/L		100	0.1 U	
Sodium	7440-23-5	ug/L			46000	
Thallium	7440-28-0	ug/L	2	2	0.1 U	
Vanadium A	7440-62-2	ug/L	100		0.3 U	
Zinc A,B	7440-66-6	ug/L	2000	5000	2.8 U	

A- CDPHE Agricultural Standards (Jan. 2013)

B- EPA Secondary MCL (May 2009)

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J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate

and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field

blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

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ug/L - Parts per billion (micrograms per liter)

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Missing logbook  
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